

Eastern Region HIV/AIDS Epidemiological Profile

Fourth Quarter 2012

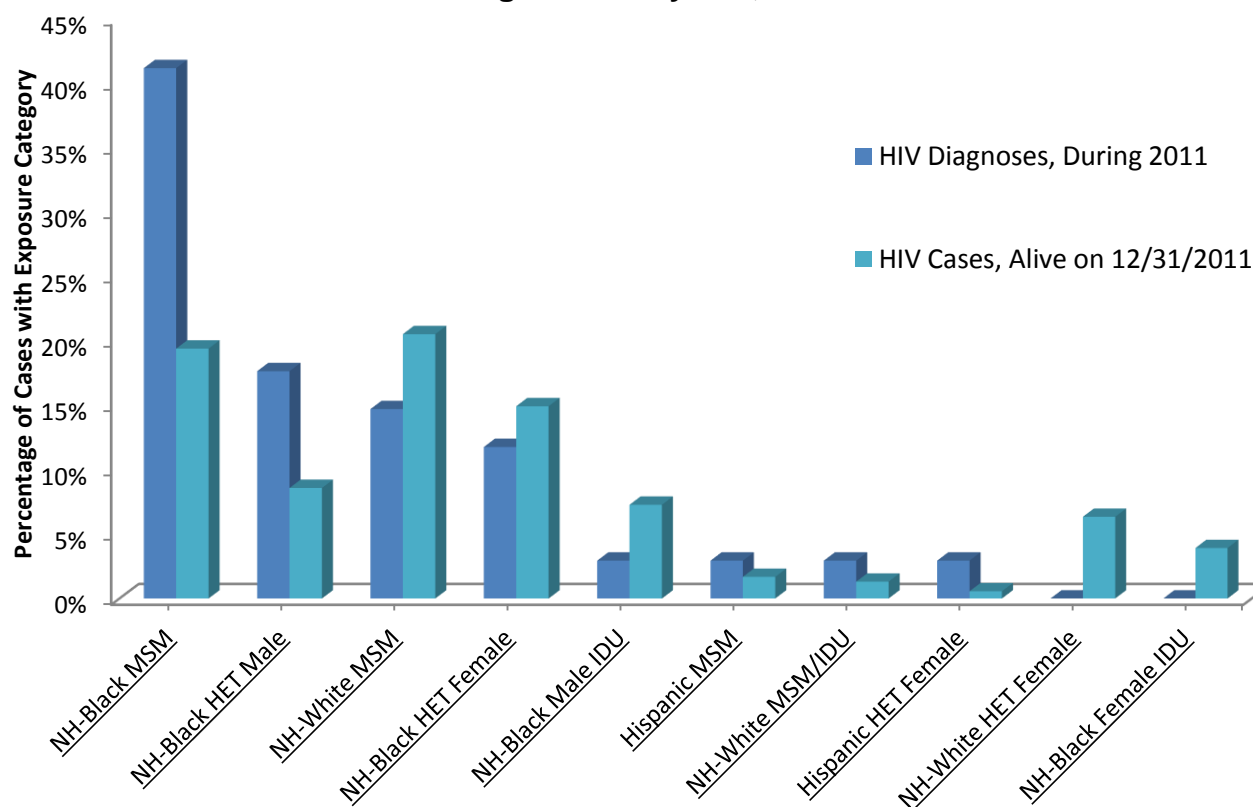
Data reported through December 31, 2012



Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://phpa.dhmh.maryland.gov/oideor/chse>
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Adult/Adolescent HIV Cases with Reported Exposures by Race/Ethnicity, Sex at Birth, and Exposure Categories, Eastern Region of Maryland, 2011



Predominant HIV Risk Groups:

In order to reduce HIV transmissions and improve engagement in care for those infected with HIV, an understanding of the demographic and exposure categories among reported HIV cases is needed to identify the groups most likely to have HIV. In 2011, non-Hispanic (NH) Black males who have sex with males (MSM) accounted for the greatest proportion of new HIV diagnoses (41.2%) followed by NH-Black heterosexual (HET) males (17.6%) and NH-White MSM (14.7%). This is markedly different from the proportions of living HIV cases where the largest group was NH- White MSM (20.5%), followed closely by NH-Black MSM (19.4%) and NH-Black heterosexual females (HET) (14.9%). By identifying the disproportion in the demographic and exposure categories between new and existing HIV cases, resources may be better allocated for prevention, testing, and treatment services.

TABLE OF CONTENTS

Section I – Background Information	4
HIV/AIDS Reporting Requirements.....	4
For Assistance with HIV/AIDS Reporting	4
Limitations in the HIV/AIDS Data	4
Stages of a Case of HIV/AIDS	5
Changes in Case Terminology.....	5
Laboratory Data	6
Sources of Data	6
Tabulation of Column Totals	6
Data Suppression.....	6
On-line Mapping Tool.....	6
HIV Exposure Categories.....	7
Glossary of Terms.....	7
Section II – Trends 1985-2011	10
Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2011, Reported through 12/31/2012	10
Figure 2 – Trends in Living HIV Cases, 1985-2011, Reported through 12/31/2012.....	11
Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2011, Reported through 12/31/2012.....	12
Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2011, Reported through 12/31/2012.....	13
Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2011, Reported through 12/31/2012.....	14
Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2011, Reported through 12/31/2012.....	15
Section III – Adult/Adolescent Cases by Jurisdiction	16
Table 1 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2012.....	16
Table 2 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2012.....	17
Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012	18
Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, Reported through 12/31/2012.....	19
Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012.....	20
Figure 7 – Estimated Adult/Adolescent 2011 HIV Continuum of Care, Reported through 12/31/2012	21
Section IV – Cases by Age	22
Table 6 – HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2012	22
Table 7 – AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2012	22
Table 8 – HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012	23
Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012.....	24
Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012.....	24
Section V – Adult/Adolescent Cases by Demographics	25
Table 11 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012.....	25
Table 12 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012.....	26
Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012.....	27
Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012	28
Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012	29

Section VI – HIV Cases by Expanded Demographics.....	30
Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012	30
Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012.....	31
Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012.....	32
Section VII – HIV Exposure Category.....	33
Table 18 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012	33
Table 19 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012	34
Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012	35
Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012	36
Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012	37
Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012	37
Section VIII – Disease Progression and Mortality.....	38
Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2010, Reported through 12/31/2012	38
Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2010, Reported through 12/31/2012.....	39
Section IX – Pediatric Cases.....	40
Figure 11 – Trends in Pediatric HIV Cases, 1985-2011, Reported through 12/31/2012	40
Table 24 – Pediatric HIV Diagnoses during 2011 and Pediatric Total Living HIV Cases, Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012	41
Table 25 – Pediatric HIV Diagnosis during 2011 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012.....	41

Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 18% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

For surveillance purposes, a case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, or years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would have been many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2011 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2011-12/31/2011, as reported by name through 12/31/2012.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2011 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2011 as reported by name through 12/31/2012.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2012.

Live births are from the Maryland Department of Health and Mental Hygiene's Maryland Vital Statistics Annual Report 2011.

Perinatal exposures and transmissions are from the Maryland Department of Health and Mental Hygiene's Enhanced Perinatal Surveillance System, December 31, 2012.

Population data by sex, age, and race are from the July 1, 2011 U.S. Census Estimates and by country-of-birth from the 2011 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://phpa.dhmdh.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2011.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

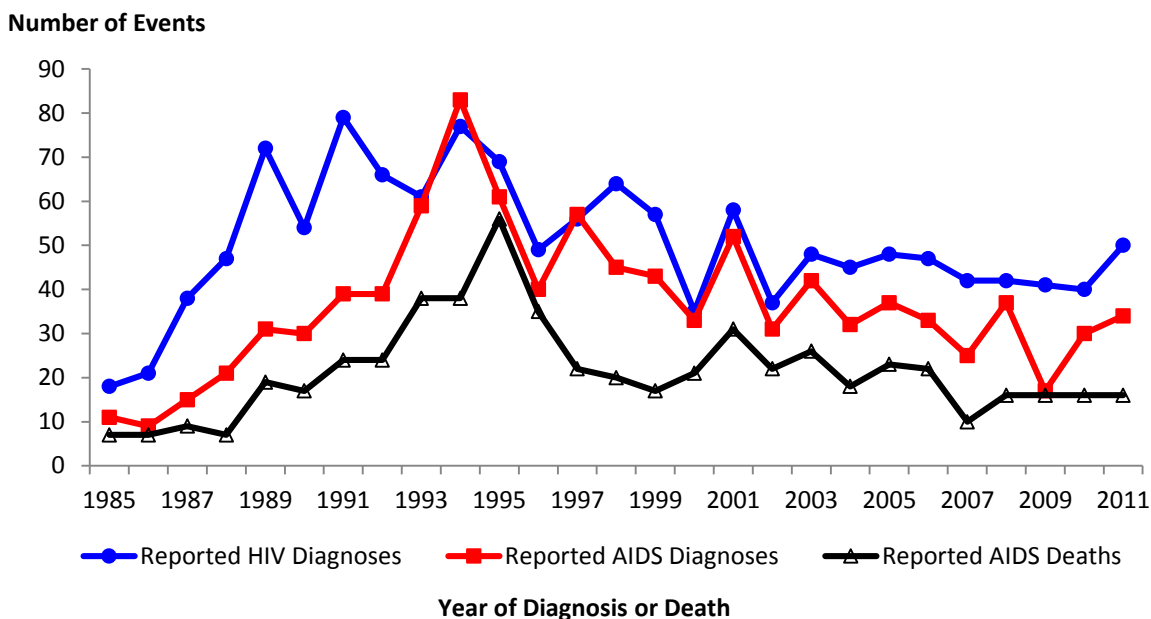
Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31st of the specified year.

Section II – Trends 1985-2011

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2011, Reported through 12/31/2012

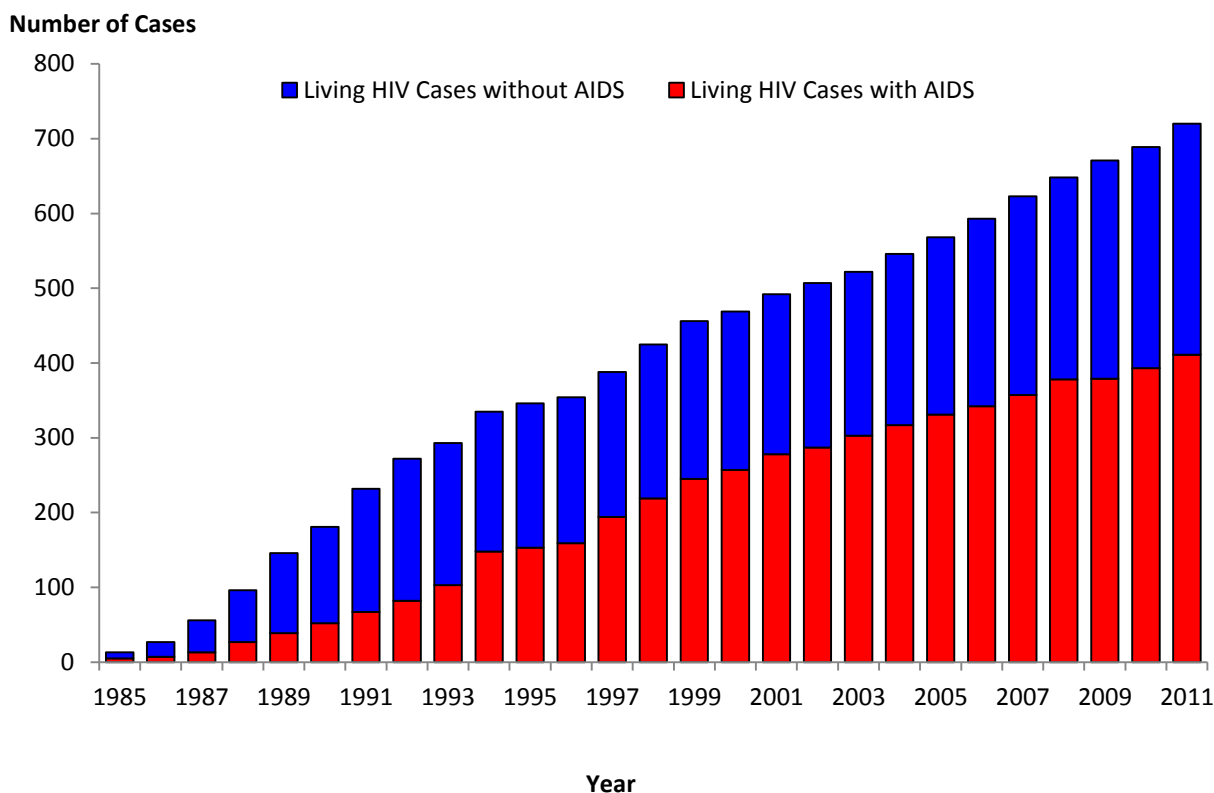
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2011 as Reported through 12/31/2012



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	8	7	6	1998	64	45	20
1985	18	11	7	1999	57	43	17
1986	21	9	7	2000	35	33	21
1987	38	15	9	2001	58	52	31
1988	47	21	7	2002	37	31	22
1989	72	31	19	2003	48	42	26
1990	54	30	17	2004	45	32	18
1991	79	39	24	2005	48	37	23
1992	66	39	24	2006	47	33	22
1993	61	59	38	2007	42	25	10
1994	77	83	38	2008	42	37	16
1995	69	61	56	2009	41	17	16
1996	49	40	35	2010	40	30	16
1997	56	57	22	2011	50	34	16
				TOTAL	1,369	993	583

Figure 2 – Trends in Living HIV Cases, 1985-2011, Reported through 12/31/2012

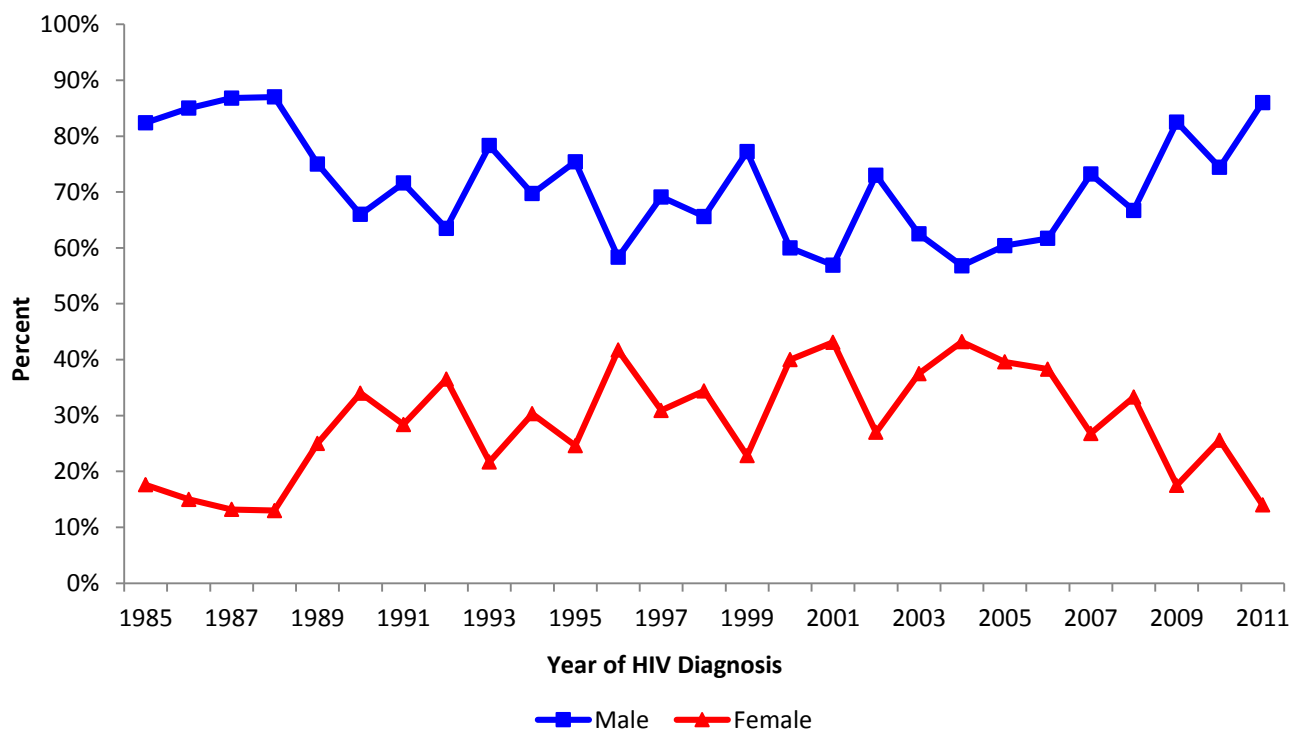
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2011, as Reported through 12/31/2012



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	8	5	13	1998	206	219	425
1986	20	7	27	1999	211	245	456
1987	43	13	56	2000	212	257	469
1988	69	27	96	2001	214	278	492
1989	107	39	146	2002	220	287	507
1990	129	52	181	2003	219	303	522
1991	165	67	232	2004	229	317	546
1992	190	82	272	2005	237	331	568
1993	190	103	293	2006	251	342	593
1994	187	148	335	2007	266	357	623
1995	193	153	346	2008	270	378	648
1996	195	159	354	2009	292	379	671
1997	194	194	388	2010	296	393	689
				2011	309	411	720

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2011, Reported through 12/31/2012

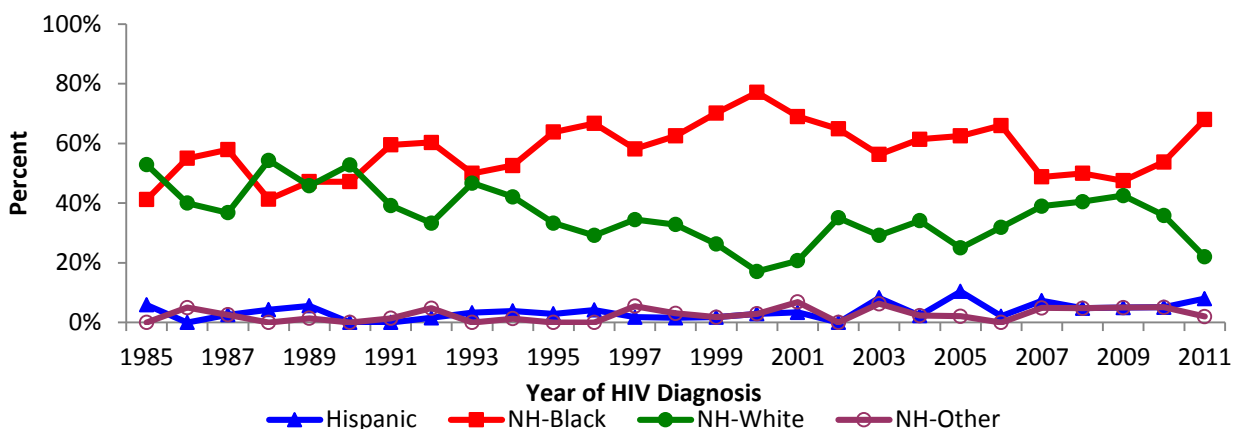
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	8	87.5%	12.5%	1998	64	65.6%	34.4%
1985	17	82.4%	17.6%	1999	57	77.2%	22.8%
1986	20	85.0%	15.0%	2000	35	60.0%	40.0%
1987	38	86.8%	13.2%	2001	58	56.9%	43.1%
1988	46	87.0%	13.0%	2002	37	73.0%	27.0%
1989	72	75.0%	25.0%	2003	48	62.5%	37.5%
1990	53	66.0%	34.0%	2004	44	56.8%	43.2%
1991	74	71.6%	28.4%	2005	48	60.4%	39.6%
1992	63	63.5%	36.5%	2006	47	61.7%	38.3%
1993	60	78.3%	21.7%	2007	41	73.2%	26.8%
1994	76	69.7%	30.3%	2008	42	66.7%	33.3%
1995	69	75.4%	24.6%	2009	40	82.5%	17.5%
1996	48	58.3%	41.7%	2010	39	74.4%	25.6%
1997	55	69.1%	30.9%	2011	50	86.0%	14.0%
				TOTAL	1,349	70.7%	29.3%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2011, Reported through 12/31/2012

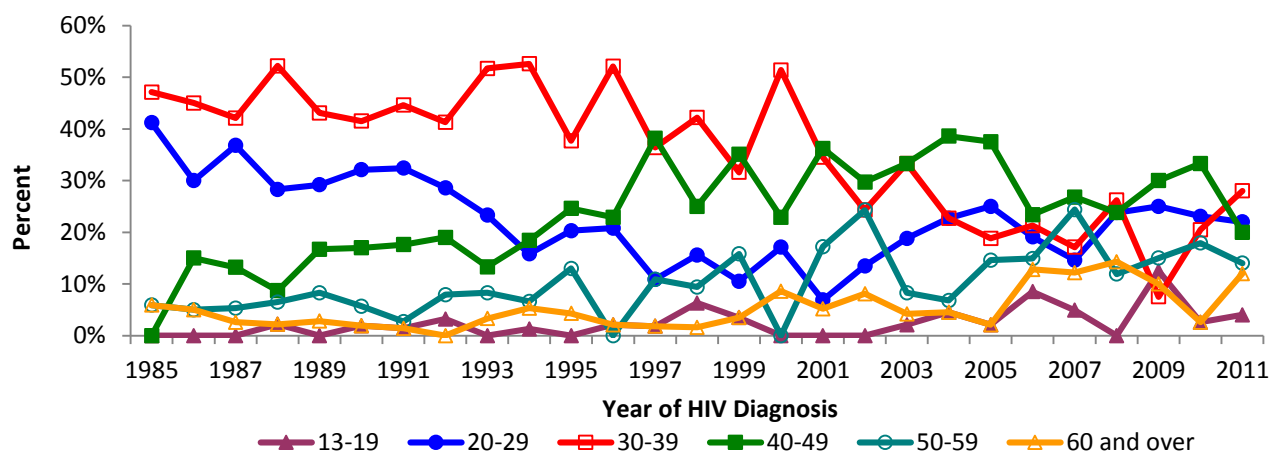
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	8	0.0%	62.5%	37.5%	0.0%
1985	17	5.9%	41.2%	52.9%	0.0%
1986	20	0.0%	55.0%	40.0%	5.0%
1987	38	2.6%	57.9%	36.8%	2.6%
1988	46	4.3%	41.3%	54.3%	0.0%
1989	72	5.6%	47.2%	45.8%	1.4%
1990	53	0.0%	47.2%	52.8%	0.0%
1991	74	0.0%	59.5%	39.2%	1.4%
1992	63	1.6%	60.3%	33.3%	4.8%
1993	60	3.3%	50.0%	46.7%	0.0%
1994	76	3.9%	52.6%	42.1%	1.3%
1995	69	2.9%	63.8%	33.3%	0.0%
1996	48	4.2%	66.7%	29.2%	0.0%
1997	55	1.8%	58.2%	34.5%	5.5%
1998	64	1.6%	62.5%	32.8%	3.1%
1999	57	1.8%	70.2%	26.3%	1.8%
2000	35	2.9%	77.1%	17.1%	2.9%
2001	58	3.4%	69.0%	20.7%	6.9%
2002	37	0.0%	64.9%	35.1%	0.0%
2003	48	8.3%	56.3%	29.2%	6.3%
2004	44	2.3%	61.4%	34.1%	2.3%
2005	48	10.4%	62.5%	25.0%	2.1%
2006	47	2.1%	66.0%	31.9%	0.0%
2007	41	7.3%	48.8%	39.0%	4.9%
2008	42	4.8%	50.0%	40.5%	4.8%
2009	40	5.0%	47.5%	42.5%	5.0%
2010	39	5.1%	53.8%	35.9%	5.1%
2011	50	8.0%	68.0%	22.0%	2.0%
TOTAL	1,349	3.6%	58.1%	35.9%	2.4%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2011, Reported through 12/31/2012

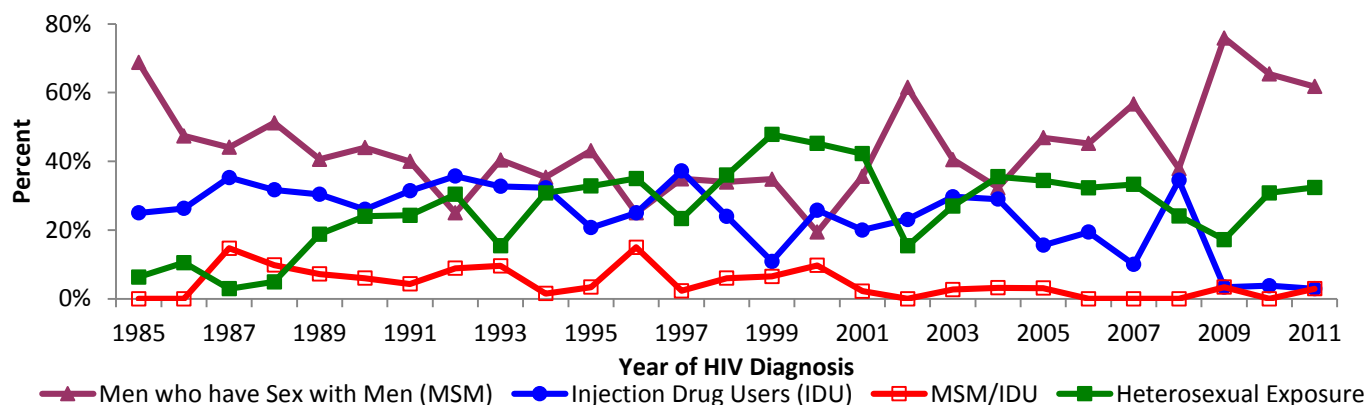
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	8	12.5%	25.0%	37.5%	12.5%	12.5%	0.0%
1985	17	0.0%	41.2%	47.1%	0.0%	5.9%	5.9%
1986	20	0.0%	30.0%	45.0%	15.0%	5.0%	5.0%
1987	38	0.0%	36.8%	42.1%	13.2%	5.3%	2.6%
1988	46	2.2%	28.3%	52.2%	8.7%	6.5%	2.2%
1989	72	0.0%	29.2%	43.1%	16.7%	8.3%	2.8%
1990	53	1.9%	32.1%	41.5%	17.0%	5.7%	1.9%
1991	74	1.4%	32.4%	44.6%	17.6%	2.7%	1.4%
1992	63	3.2%	28.6%	41.3%	19.0%	7.9%	0.0%
1993	60	0.0%	23.3%	51.7%	13.3%	8.3%	3.3%
1994	76	1.3%	15.8%	52.6%	18.4%	6.6%	5.3%
1995	69	0.0%	20.3%	37.7%	24.6%	13.0%	4.3%
1996	48	2.1%	20.8%	52.1%	22.9%	0.0%	2.1%
1997	55	1.8%	10.9%	36.4%	38.2%	10.9%	1.8%
1998	64	6.3%	15.6%	42.2%	25.0%	9.4%	1.6%
1999	57	3.5%	10.5%	31.6%	35.1%	15.8%	3.5%
2000	35	0.0%	17.1%	51.4%	22.9%	0.0%	8.6%
2001	58	0.0%	6.9%	34.5%	36.2%	17.2%	5.2%
2002	37	0.0%	13.5%	24.3%	29.7%	24.3%	8.1%
2003	48	2.1%	18.8%	33.3%	33.3%	8.3%	4.2%
2004	44	4.5%	22.7%	22.7%	38.6%	6.8%	4.5%
2005	48	2.1%	25.0%	18.8%	37.5%	14.6%	2.1%
2006	47	8.5%	19.1%	21.3%	23.4%	14.9%	12.8%
2007	41	4.9%	14.6%	17.1%	26.8%	24.4%	12.2%
2008	42	0.0%	23.8%	26.2%	23.8%	11.9%	14.3%
2009	40	12.5%	25.0%	7.5%	30.0%	15.0%	10.0%
2010	39	2.6%	23.1%	20.5%	33.3%	17.9%	2.6%
2011	50	4.0%	22.0%	28.0%	20.0%	14.0%	12.0%
TOTAL	1,349	2.4%	21.9%	36.6%	24.0%	10.3%	4.7%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2011, Reported through 12/31/2012

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	8	6	66.7%	16.7%	0.0%	0.0%	16.7%
1985	17	16	68.8%	25.0%	0.0%	6.3%	0.0%
1986	20	19	47.4%	26.3%	0.0%	10.5%	15.8%
1987	38	34	44.1%	35.3%	14.7%	2.9%	2.9%
1988	46	41	51.2%	31.7%	9.8%	4.9%	2.4%
1989	72	69	40.6%	30.4%	7.2%	18.8%	2.9%
1990	53	50	44.0%	26.0%	6.0%	24.0%	0.0%
1991	74	70	40.0%	31.4%	4.3%	24.3%	0.0%
1992	63	56	25.0%	35.7%	8.9%	30.4%	0.0%
1993	60	52	40.4%	32.7%	9.6%	15.4%	1.9%
1994	76	65	35.4%	32.3%	1.5%	30.8%	0.0%
1995	69	58	43.1%	20.7%	3.4%	32.8%	0.0%
1996	48	40	25.0%	25.0%	15.0%	35.0%	0.0%
1997	55	43	34.9%	37.2%	2.3%	23.3%	2.3%
1998	64	50	34.0%	24.0%	6.0%	36.0%	0.0%
1999	57	46	34.8%	10.9%	6.5%	47.8%	0.0%
2000	35	31	19.4%	25.8%	9.7%	45.2%	0.0%
2001	58	45	35.6%	20.0%	2.2%	42.2%	0.0%
2002	37	26	61.5%	23.1%	0.0%	15.4%	0.0%
2003	48	37	40.5%	29.7%	2.7%	27.0%	0.0%
2004	44	31	32.3%	29.0%	3.2%	35.5%	0.0%
2005	48	32	46.9%	15.6%	3.1%	34.4%	0.0%
2006	47	31	45.2%	19.4%	0.0%	32.3%	3.2%
2007	41	30	56.7%	10.0%	0.0%	33.3%	0.0%
2008	42	29	37.9%	34.5%	0.0%	24.1%	3.4%
2009	40	29	75.9%	3.4%	3.4%	17.2%	0.0%
2010	39	26	65.4%	3.8%	0.0%	30.8%	0.0%
2011	50	34	61.8%	2.9%	2.9%	32.4%	0.0%
TOTAL	1,349	1,096	41.9%	25.0%	5.0%	27.0%	1.1%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late HIV Diagnosis
					No. with Test	% with Test	Median Count		
Caroline	27,145	6	12.0%	22.1	***	***	***	***	***
Cecil	84,250	6	12.0%	7.1	***	***	***	***	***
Dorchester	27,557	8	16.0%	29.0	6	75.0%	226	37.5%	37.5%
Kent	17,677	2	4.0%	11.3	***	***	***	***	***
Queen Anne's	40,551	3	6.0%	7.4	***	***	***	***	***
Somerset	23,135	3	6.0%	13.0	***	***	***	***	***
Talbot	32,902	5	10.0%	15.2	***	***	***	***	***
Wicomico	83,166	11	22.0%	13.2	10	90.9%	250	90.9%	45.5%
Worcester	45,100	6	12.0%	13.3	6	100%	341	66.7%	66.7%
REGION TOTAL	381,483	50	100.0%	13.1	41	82.0%	260	68.0%	48.0%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Caroline	27,145	4	11.8%	14.7	***	***
Cecil	84,250	2	5.9%	2.4	***	***
Dorchester	27,557	3	8.8%	10.9	***	--
Kent	17,677	0	0.0%	--	--	
Queen Anne's	40,551	4	11.8%	9.9	***	***
Somerset	23,135	2	5.9%	8.6	***	***
Talbot	32,902	3	8.8%	9.1	***	***
Wicomico	83,166	12	35.3%	14.4	4.5	50.0%
Worcester	45,100	4	11.8%	8.9	***	***
REGION TOTAL	381,483	34	100.0%	8.9	2.6	67.6%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Caroline	27,145	29	9.7%	106.8	29	7.1%	106.8	58	8.2%	213.7	468
Cecil	84,250	45	15.0%	53.4	56	13.8%	66.5	101	14.3%	119.9	834
Dorchester	27,557	34	11.3%	123.4	71	17.4%	275.6	105	14.9%	381.0	262
Kent	17,677	13	4.3%	73.5	18	4.4%	101.8	31	4.4%	175.4	570
Queen Anne's	40,551	14	4.7%	34.5	32	7.9%	78.9	46	6.5%	113.4	881
Somerset	23,135	18	6.0%	77.8	27	6.6%	116.7	45	6.4%	194.5	514
Talbot	32,902	24	8.0%	72.9	30	7.4%	91.2	54	7.6%	164.1	609
Wicomico	83,166	90	30.0%	108.2	99	24.3%	119.0	189	26.7%	227.3	440
Worcester	45,100	33	11.0%	73.2	45	11.1%	99.8	78	11.0%	172.9	578
REGION TOTAL	381,483	300	100.0%	78.6	407	100.0%	106.7	707	100.0%	185.3	539

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Caroline	58	22	37.9%	468	18.2%	18.2%	18.2%	45.5%
Cecil	101	30	29.7%	430	13.3%	13.3%	30.0%	43.3%
Dorchester	105	45	42.9%	424	17.7%	26.7%	17.8%	37.8%
Kent	31	9	25.8%	381	25.0%	25.0%	12.5%	37.5%
Queen Anne's	46	26	56.5%	373	15.4%	34.6%	7.7%	42.3%
Somerset	45	16	35.6%	461	12.5%	25.0%	18.8%	43.8%
Talbot	54	21	38.9%	584	19.0%	9.5%	9.5%	61.9%
Wicomico	189	76	40.2%	400	34.2%	10.5%	18.4%	36.8%
Worcester	78	33	42.3%	440	30.3%	9.1%	21.2%	39.4%
REGION TOTAL	707	277	39.2%	429	23.1%	17.3%	18.1%	41.5%

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Caroline	58	22	37.9%	50.0%	16,080
Cecil	101	19	18.8%	57.9%	4,229
Dorchester	105	40	38.1%	72.5%	44,430
Kent	31	7	22.6%	57.1%	33,398
Queen Anne's	46	22	47.8%	50.0%	5,904
Somerset	45	17	37.8%	52.9%	8,164
Talbot	54	19	35.2%	63.2%	42,141
Wicomico	189	77	40.7%	63.6%	37,080
Worcester	78	27	34.6%	77.8%	5,990
REGION TOTAL	707	250	35.4%	62.8%	16,080

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

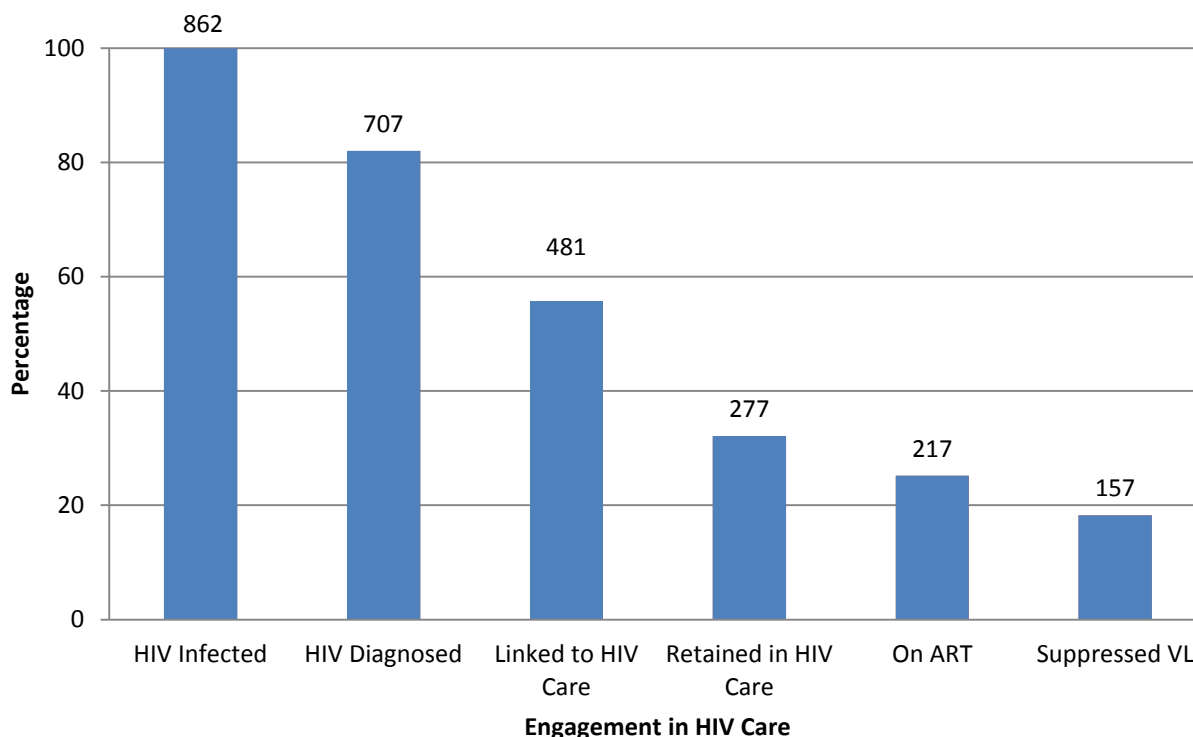
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2011 HIV Continuum of Care, Reported through 12/31/2012

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (18%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	862	100.0%
HIV Diagnosed	707	82.0%
Linked to HIV Care	481	55.8%
Retained in HIV Care	277	32.1%
On ART	217	25.2%
Suppressed VL	157	18.2%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (18%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2012

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	25,874	0	0.0%	--	--	--	--	--	--
5-12 (Pediatric)	43,588	0	0.0%	--	--	--	--	--	--
13-19	42,062	2	4.0%	4.8	***	***	***	***	***
20-29	57,447	11	22.0%	19.1	9	81.8%	548	72.7%	18.2%
30-39	48,571	14	28.0%	28.8	10	71.4%	438	50.0%	28.6%
40-49	63,648	10	20.0%	15.7	10	100.0%	118	70.0%	90.0%
50-59	66,923	7	14.0%	10.5	***	***	***	***	***
60+	102,832	6	12.0%	5.8	6	100.0%	30	100.0%	83.3%
TOTAL	450,945	50	100.0%	11.1	41	82.0%	260	68.0%	48.0%

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2012

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	25,874	0	0.0%	--	--	--
5-12 (Pediatric)	43,588	0	0.0%	--	--	--
13-19	42,062	1	2.9%	2.4	***	***
20-29	57,447	5	14.7%	8.7	2.4	60.0%
30-39	48,571	5	14.7%	10.3	1.4	80.0%
40-49	63,648	13	38.2%	20.4	4.7	61.5%
50-59	66,923	4	11.8%	6.0	***	***
60+	102,832	6	17.6%	5.8	0.8	83.3%
TOTAL	450,945	34	100.0%	7.5	2.6	67.6%

*** Data withheld due to low population counts and/or case counts

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	25,874	1	0.3%	3.9	0	0.0%	--	1	0.1%	3.9	25,874
5-12 (Pediatric)	43,588	2	0.6%	4.6	0	0.0%	--	2	0.3%	4.6	21,794
13-19	42,062	5	1.6%	11.9	1	0.2%	2.4	6	0.8%	14.3	7,010
20-29	57,447	48	15.5%	83.6	19	4.6%	33.1	67	9.3%	116.6	857
30-39	48,571	64	20.7%	131.8	47	11.4%	96.8	111	15.4%	228.5	437
40-49	63,648	86	27.8%	135.1	144	35.0%	226.2	230	31.9%	361.4	276
50-59	66,923	76	24.6%	113.6	143	34.8%	213.7	219	30.4%	327.2	305
60+	102,832	27	8.7%	26.3	57	13.9%	55.4	84	11.7%	81.7	1,224
TOTAL	450,945	309	100.0%	68.5	411	100.0%	91.1	720	100.0%	159.7	626

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	4	***	***	***	***	***	***	***
20-29	61	***	***	***	***	***	***	***
30-39	109	43	39.4%	533	23.3%	11.6%	11.6%	53.5%
40-49	230	79	34.3%	324	30.4%	21.5%	12.7%	35.4%
50-59	219	89	40.6%	443	22.5%	14.6%	20.2%	42.7%
60+	84	36	42.9%	459	22.2%	11.1%	27.8%	38.9%
TOTAL	707	277	39.2%	429	23.1%	17.3%	18.1%	41.5%

*** Data withheld due to low population counts and/or case counts

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	4	***	***	***	***
20-29	61	***	***	***	***
30-39	109	36	33.0%	61.1%	5,720
40-49	230	78	33.9%	64.1%	45,084
50-59	219	79	36.1%	69.6%	16,865
60+	84	28	33.3%	75.0%	30,920
TOTAL	707	250	35.4%	62.8%	16,080

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Male	185,366	43	86.0%	23.2	35	81.4%	258	67.4%	48.8%
Female	196,117	7	14.0%	3.6	6	85.7%	615	71.4%	42.9%
TOTAL	381,483	50	100.0%	13.1	41	82.0%	260	68.0%	48.0%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Hispanic	13,454	4	8.0%	29.7	***	***	***	***	***
Non-Hispanic	368,029	46	92.0%	12.5	39	84.8%	300	69.6%	47.8%
American Indian/ Alaska Native, only	937	0	0.0%	--	0	0.0%	--	--	--
Asian, only	5,170	0	0.0%	--	0	0.0%	--	--	--
Black, only	60,536	34	68.0%	56.2	28	82.4%	280	64.7%	47.1%
Native Hawaiian/Other Pacific Islander, only	130	0	0.0%	--	0	0.0%	--	--	--
White, only	297,102	11	22.0%	3.7	10	90.9%	229	81.8%	54.5%
Multiracial/Other	4,154	1	2.0%	24.1	***	***	***	***	***
TOTAL	381,483	50	100.0%	13.1	41	82.0%	260	68.0%	48.0%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
United States	358,846	44	88.0%	12.3	35	79.5%	300	65.9%	45.5%
Foreign-born	19,805	4	8.0%	20.2	***	***	***	***	***
Africa	--	1	2.0%	--	***	***	***	***	***
Asia	--	0	0.0%	--	0	0.0%	--	--	--
Caribbean	--	2	4.0%	--	***	***	***	***	***
Central America	--	1	2.0%	--	***	***	***	***	***
Other	--	0	0.0%	--	0	0.0%	--	--	--
Unknown	--	2	4.0%	--	***	***	***	***	***
TOTAL	378,651	50	100.0%	13.2	41	82.0%	260	68.0%	48.0%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	185,366	26	76.5%	14.0	1.2	84.6%
Female	196,117	8	23.5%	4.1	7.0	12.5%
TOTAL	381,483	34	100.0%	8.9	2.6	67.6%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	13,454	5	14.7%	37.2	3.4	60.0%
Non-Hispanic	368,029	29	85.3%	7.9	2.5	69.0%
American Indian/ Alaska Native, only	937	0	0.0%	--	--	--
Asian, only	5,170	0	0.0%	--	--	--
Black, only	60,536	21	61.8%	34.7	2.4	66.7%
Native Hawaiian/Other Pacific Islander, only	130	0	0.0%	--	--	--
White, only	297,102	8	23.5%	2.7	2.5	75.0%
Multiracial/Other	4,154	0	0.0%	--	--	--
TOTAL	381,483	34	100.0%	8.9	2.6	67.5%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	358,846	29	85.3%	8.1	3.0	62.1%
Foreign-born	19,805	4	11.8%	20.2	***	***
Africa	--	0	0.0%	--	--	--
Asia	--	0	0.0%	--	--	--
Caribbean	--	2	5.9%	--	***	***
Central America	--	2	5.9%	--	***	***
Other	--	0	0.0%	--	--	--
Unknown	--	1	2.9%	--	***	***
TOTAL	378,651	34	100.0%	9.0	2.6	67.6%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	185,366	196	65.3%	105.7	279	68.6%	150.5	475	67.2%	256.2	390
Female	196,117	104	34.7%	53.0	128	31.4%	65.3	232	32.8%	118.3	845
Total	381,483	300	100.0%	78.6	407	100.0%	106.7	707	100.0%	185.3	539

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	13,454	14	4.7%	104.1	17	4.2%	126.4	31	4.4%	230.4	434
Non-Hispanic	368,029	286	95.3%	77.7	390	95.8%	106.0	676	95.6%	183.7	544
American Indian/Alaska Native, only	937	0	0.0%	0.0	1	0.2%	106.7	1	0.1%	106.7	937
Asian, only	5,170	1	0.3%	19.3	1	0.2%	19.3	2	0.3%	38.7	2,585
Black, only	60,536	184	61.3%	304.0	221	54.3%	365.1	405	57.3%	669.0	149
Native Hawaiian/Other Pacific Islander, only	130	1	0.3%	769.2	0	0.0%	0.0	1	0.1%	769.2	130
White, only	297,102	94	31.3%	31.6	150	36.9%	50.5	244	34.5%	82.1	1,217
Multiracial/Other	4,154	6	2.0%	144.4	17	4.2%	409.2	23	3.3%	553.7	180
TOTAL	381,483	300	100.0%	78.6	407	100.0%	106.7	707	100.0%	185.3	539

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	358,846	285	95.0%	79.4	381	93.6%	106.2	666	94.2%	185.6	538
Foreign-born	19,805	12	4.0%	60.6	25	6.1%	126.2	37	5.2%	186.8	535
Africa	--	1	0.3%	--	3	0.7%	--	4	0.6%	--	--
Asia	--	1	0.3%	--	2	0.5%	--	3	0.4%	--	--
Caribbean	--	6	2.0%	--	10	2.5%	--	16	2.3%	--	--
Central America	--	2	0.7%	--	8	2.0%	--	10	1.4%	--	--
Other	--	2	0.7%	--	2	0.5%	--	4	0.6%	--	--
Unknown	--	3	1.0%	--	1	0.2%	--	4	0.6%	--	--
TOTAL	378,651	300	100.0%	79.2	407	100.0%	107.5	707	100.0%	186.7	535

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	475	183	38.5%	412	21.3%	20.2%	21.3%	37.2%
Female	232	94	40.5%	515	26.6%	11.7%	11.7%	50.0%
TOTAL	707	277	39.2%	429	23.1%	17.3%	18.1%	41.5%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	31	9	29.0%	132	55.6%	11.1%	11.1%	22.2%
Non-Hispanic	676	268	39.6%	431	22.0%	17.5%	18.3%	42.2%
American Indian/ Alaska Native, only	1	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Asian, only	2	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Black, only	405	162	40.0%	427	24.1%	16.7%	14.8%	44.4%
Native Hawaiian/Other Pacific Islander, only	1	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
White, only	244	92	37.7%	423	20.7%	19.6%	22.8%	37.0%
Multiracial/Other	23	14	60.9%	478	7.1%	14.3%	28.6%	50.0%
TOTAL	707	277	39.2%	429	23.1%	17.3%	18.1%	41.5%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	666	266	39.9%	431	22.2%	17.7%	18.0%	42.1%
Foreign-born	37	9	24.3%	332	44.4%	11.1%	22.2%	22.2%
Africa	4	***	***	***	***	***	***	***
Asia	3	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Caribbean	16	***	***	***	***	***	***	***
Central America	10	***	***	***	***	***	***	***
Other	4	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Unknown	4	***	***	***	***	***	***	***
TOTAL	707	277	39.2%	429	23.1%	17.3%	18.1%	41.5%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	475	171	36.0%	63.7%	12,941
Female	232	79	34.1%	60.8%	42,700
TOTAL	707	250	35.4%	62.8%	16,080

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	31	9	29.0%	77.8%	390,700
Non-Hispanic	676	241	35.7%	62.2%	15,250
American Indian/ Alaska Native, only	1	0	0.0%	0.0%	--
Asian, only	2	0	0.0%	0.0%	--
Black, only	405	153	37.8%	60.1%	19,230
Native Hawaiian/ Other Pacific Islander, only	1	0	0.0%	0.0%	--
White, only	244	76	31.1%	67.1%	7,612
Multiracial/Other	23	12	52.2%	58.3%	15,101
TOTAL	707	250	35.4%	62.8%	16,080

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	666	239	35.9%	63.2%	15,665
Foreign-born	37	9	24.3%	55.6%	68,778
Africa	4	***	***	***	***
Asia	3	0	0.0%	0.0%	--
Caribbean	16	***	***	***	***
Central America	10	***	***	***	***
Other	4	0	0.0%	0.0%	--
Unknown	4	***	***	***	***
TOTAL	707	250	35.4%	62.8%	16,080

*** Data withheld due to low population counts and/or case counts
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

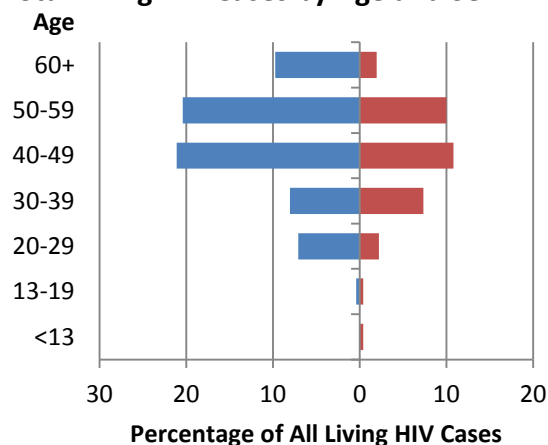
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

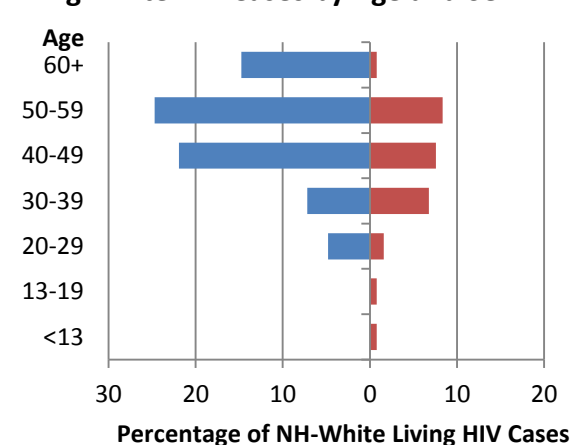
Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

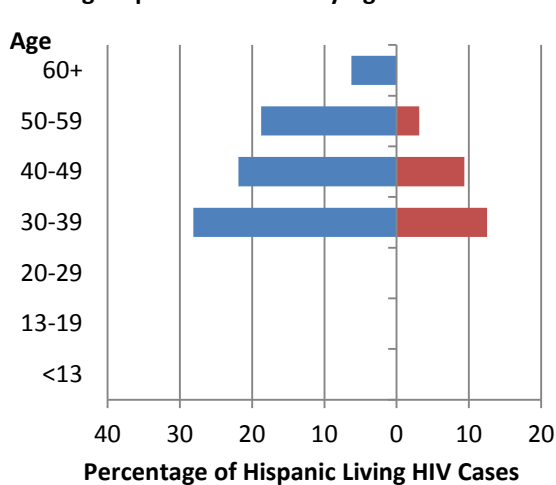
Total Living HIV Cases by Age and Sex



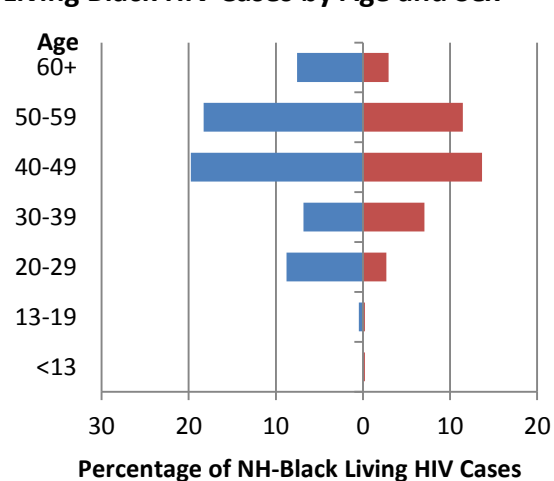
Living White HIV Cases by Age and Sex



Living Hispanic HIV Cases by Age and Sex



Living Black HIV Cases by Age and Sex



■ Male ■ Female

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

MALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	2,655	6,568	23,673	2,378	35,274
	Cases	0	0	0	0	0
	Rate	--	--	--	--	--
	Ratio (1 in X)	--	--	--	--	--
13-19	Population	1,149	4,186	14,988	936	21,259
	Cases	0	***	0	***	3
	Rate	--	***	--	***	14.1
	Ratio (1 in X)	--	***	--	***	7,086
20-29	Population	2,242	5,969	19,886	936	29,033
	Cases	0	***	12	***	51
	Rate	--	***	60.3	***	175.7
	Ratio (1 in X)	--	***	1,657	***	569
30-39	Population	1,828	4,052	17,365	796	24,041
	Cases	***	28	18	***	58
	Rate	***	691.0	103.7	***	241.3
	Ratio (1 in X)	***	144	964	***	414
40-49	Population	1,228	4,928	24,519	818	31,493
	Cases	***	81	55	***	152
	Rate	***	1,643.7	224.3	***	482.6
	Ratio (1 in X)	***	60	445	***	207
50-59	Population	591	4,762	26,391	736	32,480
	Cases	***	75	62	***	147
	Rate	***	1,575.0	234.9	***	452.6
	Ratio (1 in X)	***	63	425	***	220
60+	Population	476	5,246	40,623	715	47,060
	Cases	***	***	37	0	70
	Rate	***	***	91.1	--	148.7
	Ratio (1 in X)	***	***	1,097	--	672
TOTAL MALES BY RACE/ ETHNICITY	Population	10,169	35,711	167,445	7,315	220,640
	Cases	24	253	184	20	481
	Rate	236.0	708.5	109.9	273.4	218.0
	Ratio (1 in X)	423	141	910	365	458

*** Data withheld due to low population counts and/or case counts

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

FEMALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	
<13 (Pediatric)	Population	2,526	6,486	22,782	2,393	34,188
	Cases	0	1	2	0	3
	Rate	--	15.4	8.8	--	8.8
	Ratio (1 in X)	--	6,486	11,391	--	11,396
13-19	Population	1,052	4,161	14,540	1,051	20,803
	Cases	0	***	***	0	3
	Rate	--	***	***	--	14.4
	Ratio (1 in X)	--	***	***	--	6,934
20-29	Population	1,570	5,822	20,031	991	28,414
	Cases	0	11	***	***	16
	Rate	--	188.9	***	***	56.3
	Ratio (1 in X)	--	529	***	***	1,775
30-39	Population	1,397	4,167	18,053	913	24,530
	Cases	***	29	17	***	53
	Rate	***	695.9	94.2	***	216.1
	Ratio (1 in X)	***	143	1,061	***	462
40-49	Population	908	5,035	25,306	906	32,155
	Cases	***	56	***	0	78
	Rate	***	1,112.2	***	--	242.6
	Ratio (1 in X)	***	89	***	--	412
50-59	Population	550	5,275	27,802	816	34,443
	Cases	***	47	21	***	72
	Rate	***	891.0	75.5	***	209.0
	Ratio (1 in X)	***	112	1,323	***	478
60+	Population	463	6,933	47,599	777	55,772
	Cases	***	12	***	0	14
	Rate	***	173.1	***	--	25.1
	Ratio (1 in X)	***	577	***	--	3,983
TOTAL FEMALES BY RACE/ ETHNICITY	Population	8,466	37,879	176,113	7,847	230,305
	Cases	8	157	67	7	239
	Rate	94.5	414.5	38.0	89.2	103.8
	Ratio (1 in X)	1,058	241	2,628	1,121	963

*** Data withheld due to low population counts and/or case counts

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	34	100.0%	82.4%	239	64.7%	47.1%
Men who have Sex with Men (MSM)	21	61.8%	90.5%	219	81.0%	52.4%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	11	32.4%	81.8%	258	45.5%	45.5%
Other Exposures	0	0.0%	0.0%	--	--	--
No Reported Exposure	16		81.3%	327	75.0%	50.0%
TOTAL	50		82.0%	260	68.0%	48.0%

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	29	100.0%	82.8%	239	65.5%	48.3%
Men who have Sex with Men (MSM)	21	72.4%	90.5%	219	81.0%	52.4%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	6	20.7%	83.3%	258	33.3%	50.0%
Other Exposures	0	0.0%	0.0%	--	--	--
No Reported Exposure	14		78.6%	260	71.4%	50.0%
TOTAL	43		81.4%	258	67.4%	48.8%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	5	100.0%	80.0%	418	60.0%	40.0%
Injection Drug Users (IDU)	0	0.0%	0.0%	--	--	--
Heterosexual Exposure (HET)	5	100.0%	80.0%	418	60.0%	40.0%
Other Exposures	0	0.0%	0.0%	--	--	--
No Reported Exposure	2		100.0%	782	100.0%	50.0%
TOTAL	7		85.7%	615	71.4%	42.9%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	22	100.0%	2.7	68.2%
Men who have Sex with Men (MSM)	13	59.1%	0.6	92.3%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	--
No Reported Exposure	12		2.5	66.7%
TOTAL	34		2.6	67.6%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	16	100.0%	0.8	87.5%
Men who have Sex with Men (MSM)	13	81.3%	0.6	92.3%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	--
No Reported Exposure	10		2.0	80.0%
TOTAL	26		1.2	84.6%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	6	100.0%	7.7	16.7%
Injection Drug Users (IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	6	100.0%	7.7	16.7%
Other Exposures	0	0.0%	--	--
No Reported Exposure	2		5.1	0.0%
TOTAL	8		7.0	12.5%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	211	100.0%	333	100.0%	544	100.0%
Men who have Sex with Men (MSM)	102	48.3%	140	42.0%	242	44.5%
Injection Drug Users (IDU)	28	13.3%	72	21.6%	100	18.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	8	3.8%	9	2.7%	17	3.1%
Heterosexual Exposure (HET)	73	34.6%	111	33.3%	184	33.8%
Other Exposures	0	0.0%	1	0.3%	1	0.2%
No Reported Exposure*	89		74		163	
TOTAL	300		407		707	

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	151	100.0%	231	100.0%	382	100.0%
Men who have Sex with Men (MSM)	102	67.5%	140	60.6%	242	63.4%
Injection Drug Users (IDU)	17	11.3%	46	19.9%	63	16.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	8	5.3%	9	3.9%	17	4.5%
Heterosexual Exposure (HET)	24	15.9%	36	15.6%	60	15.7%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	45		48		93	
TOTAL	196		279		475	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	60	100.0%	102	100.0%	162	100.0%
Injection Drug Users (IDU)	11	18.3%	26	25.5%	37	22.8%
Heterosexual Exposure (HET)	49	81.7%	75	73.5%	124	76.5%
Other Exposures	0	0.0%	1	1.0%	1	0.6%
No Reported Exposure*	44		26		70	
TOTAL	104		128		232	

* Includes 18 HIV cases without AIDS and 15 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	21	100.0%	304	100.0%	195	100.0%
Men who have Sex with Men (MSM)	9	42.9%	108	35.5%	114	58.5%
Injection Drug Users (IDU)	***	***	58	19.1%	29	14.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	8	2.6%	6	3.1%
Heterosexual Exposure (HET)	6	28.6%	129	42.4%	46	23.6%
Other Exposures	0	0.0%	1	0.3%	0	0.0%
No Reported Exposure*	10		101		49	
TOTAL	31		405		244	

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	16	100.0%	202	100.0%	145	100.0%
Men who have Sex with Men (MSM)	9	56.3%	108	53.5%	114	78.6%
Injection Drug Users (IDU)	***	***	40	19.8%	13	9.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	8	4.0%	6	4.1%
Heterosexual Exposure (HET)	***	***	46	22.8%	12	8.3%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	8		48		36	
TOTAL	24		250		181	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	5	100.0%	102	100.0%	50	100.0%
Injection Drug Users (IDU)	***	***	18	17.6%	16	32.0%
Heterosexual Exposure (HET)	***	***	83	81.4%	34	68.0%
Other Exposures	0	0.0%	1	1.0%	0	0.0%
No Reported Exposure*	2		53		13	
TOTAL	7		155		63	

* Includes 2 Hispanic cases, 27 non-Hispanic black cases, and 3 non-Hispanic white cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	544	216	39.7%	446	23.6%	13.4%	18.1%	44.9%
Men who have Sex with Men (MSM)	242	87	36.0%	431	21.8%	13.8%	23.0%	41.4%
Injection Drug Users (IDU)	100	45	45.0%	475	22.2%	8.9%	22.2%	46.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	8	47.1%	294	12.5%	50.0%	12.5%	25.0%
Heterosexual Exposure (HET)	184	76	41.3%	497	27.6%	11.8%	10.5%	50.0%
Other Exposures	1	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
No Reported Exposure*	163	61	37.4%	342	21.3%	31.1%	18.0%	29.5%
TOTAL	707	277	39.2%	429	23.1%	17.3%	18.1%	41.5%

* Includes 33 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	No.	Recent Viral Load Test Result				Median Unsuppressed
		No. with Test	% with Test	% Suppressed		
With Exposure	544	197	36.2%	62.9%		15,250
Men who have Sex with Men (MSM)	242	85	35.1%	58.8%		10,780
Injection Drug Users (IDU)	100	36	36.0%	75.0%		7,612
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	6	35.3%	66.7%		157,515
Heterosexual Exposure (HET)	184	70	38.0%	61.4%		42,700
Other Exposures	1	0	0.0%	--		--
No Reported Exposure*	163	53	32.5%	62.3%		36,531
TOTAL	707	250	35.4%	62.8%		16,080

* Includes 33 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

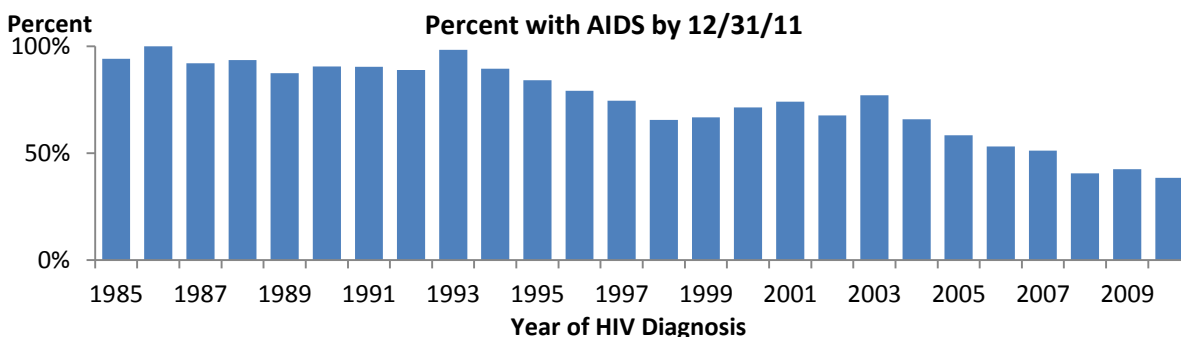
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2010, Reported through 12/31/2012

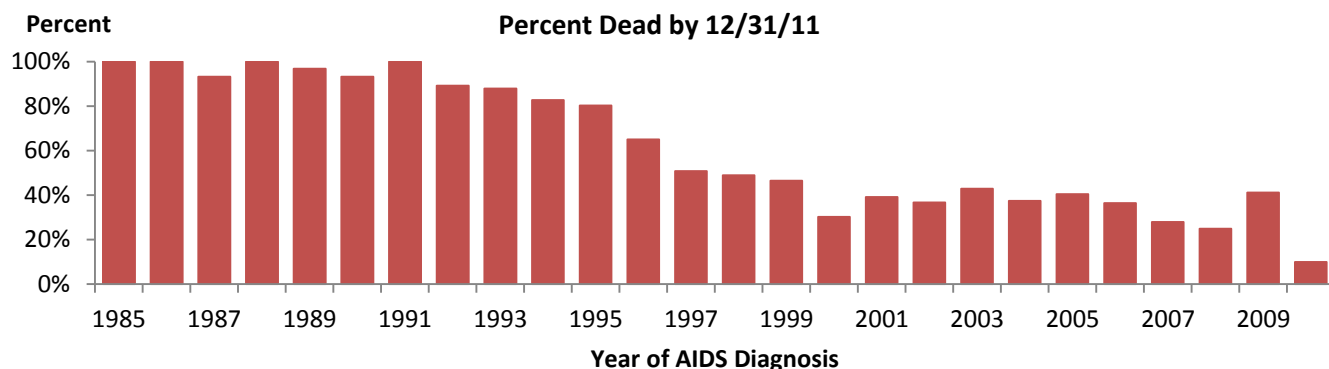
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2011 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2011, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	8	8	100.0%	0.8	87.5%	87.5%	87.5%	100.0%
1985	17	16	94.1%	3.7	58.8%	58.8%	64.7%	82.4%
1986	20	20	100.0%	3.0	50.0%	55.0%	75.0%	95.0%
1987	38	35	92.1%	4.7	36.8%	36.8%	57.9%	76.3%
1988	46	43	93.5%	3.6	47.8%	52.2%	71.7%	82.6%
1989	72	63	87.5%	3.5	41.7%	45.8%	58.3%	83.3%
1990	53	48	90.6%	3.2	39.6%	43.4%	62.3%	84.9%
1991	74	67	90.5%	2.8	45.9%	50.0%	66.2%	86.5%
1992	63	56	88.9%	3.5	42.9%	49.2%	65.1%	81.0%
1993	60	59	98.3%	2.3	55.0%	68.3%	86.7%	93.3%
1994	76	68	89.5%	2.0	63.2%	68.4%	75.0%	82.9%
1995	69	58	84.1%	2.0	52.2%	58.0%	72.5%	82.6%
1996	48	38	79.2%	3.1	43.8%	45.8%	54.2%	75.0%
1997	55	41	74.5%	1.4	56.4%	58.2%	67.3%	72.7%
1998	64	42	65.6%	2.2	43.8%	46.9%	51.6%	59.4%
1999	57	38	66.7%	1.4	54.4%	56.1%	57.9%	63.2%
2000	35	25	71.4%	1.4	51.4%	51.4%	65.7%	68.6%
2001	58	43	74.1%	1.2	56.9%	60.3%	65.5%	74.1%
2002	37	25	67.6%	0.9	51.4%	56.8%	64.9%	--
2003	48	37	77.1%	1.0	62.5%	64.6%	70.8%	--
2004	44	29	65.9%	1.5	47.7%	47.7%	56.8%	--
2005	48	28	58.3%	0.6	52.1%	52.1%	56.3%	--
2006	47	25	53.2%	0.6	46.8%	46.8%	53.2%	--
2007	41	21	51.2%	0.5	46.3%	46.3%	--	--
2008	42	17	40.5%	0.5	33.3%	33.3%	--	--
2009	40	17	42.5%	0.2	42.5%	42.5%	--	--
2010	39	15	38.5%	0.3	33.3%	--	--	--
TOTAL	1,299	982	75.6%	2.2	48.8%	52.1%	62.0%	72.0%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2010, Reported through 12/31/2012

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2011 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2011, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2012

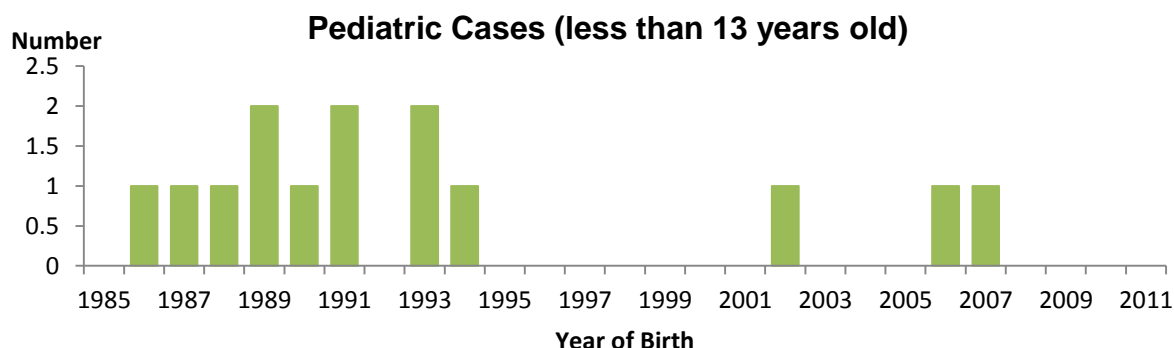


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	7	7	100.0%	0.4	14.3%	0.0%	0.0%	0.0%
1985	10	10	100.0%	0.5	30.0%	0.0%	0.0%	0.0%
1986	9	9	100.0%	0.8	33.3%	22.2%	0.0%	0.0%
1987	15	14	93.3%	2.5	60.0%	40.0%	13.3%	13.3%
1988	21	21	100.0%	1.8	61.9%	28.6%	9.5%	0.0%
1989	31	30	96.8%	2.4	58.1%	45.2%	16.1%	6.5%
1990	30	28	93.3%	2.6	76.7%	50.0%	23.3%	6.7%
1991	38	38	100.0%	2.5	73.7%	42.1%	15.8%	2.6%
1992	37	33	89.2%	2.4	62.2%	40.5%	18.9%	16.2%
1993	58	51	87.9%	2.8	77.6%	53.4%	27.6%	15.5%
1994	81	67	82.7%	3.9	75.3%	63.0%	39.5%	25.9%
1995	61	49	80.3%	3.9	72.1%	62.3%	47.5%	26.2%
1996	40	26	65.0%	3.7	80.0%	75.0%	55.0%	37.5%
1997	57	29	50.9%	5.0	87.7%	80.7%	70.2%	56.1%
1998	45	22	48.9%	3.7	84.4%	80.0%	64.4%	53.3%
1999	43	20	46.5%	4.7	95.3%	88.4%	72.1%	55.8%
2000	33	10	30.3%	1.9	84.8%	78.8%	72.7%	69.7%
2001	51	20	39.2%	2.5	80.4%	78.4%	68.6%	60.8%
2002	30	11	36.7%	2.3	83.3%	76.7%	66.7%	--
2003	42	18	42.9%	2.4	78.6%	71.4%	66.7%	--
2004	32	12	37.5%	2.7	87.5%	78.1%	71.9%	--
2005	37	15	40.5%	2.6	81.1%	81.1%	70.3%	--
2006	33	12	36.4%	1.2	75.8%	72.7%	63.6%	--
2007	25	7	28.0%	1.5	88.0%	88.0%	--	--
2008	36	9	25.0%	1.2	83.3%	80.6%	--	--
2009	17	7	41.2%	0.5	64.7%	58.8%	--	--
2010	30	3	10.0%	0.6	93.3%	--	--	--
TOTAL	949	578	60.9%	2.9	77.2%	66.4%	51.3%	41.7%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2011, Reported through 12/31/2012

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2011, as Reported by Name through 12/31/2012



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	6	0	0	0	--
1985	0	1	1	0	1
1986	1	1	0	0	2
1987	1	0	0	0	2
1988	1	1	0	0	3
1989	2	0	0	1	2
1990	1	1	0	0	3
1991	2	5	1	0	8
1992	0	3	2	1	10
1993	2	1	1	0	11
1994	1	1	2	0	12
1995	0	0	0	2	10
1996	0	1	1	1	9
1997	0	1	0	0	10
1998	0	0	0	0	10
1999	0	0	0	0	10
2000	0	0	0	0	10
2001	0	0	1	0	10
2002	1	0	1	0	10
2003	0	0	0	0	10
2004	0	1	0	0	11
2005	0	0	0	0	11
2006	1	0	0	1	10
2007	1	1	0	0	11
2008	0	0	1	0	11
2009	0	1	0	0	12
2010	0	1	0	0	13
2011	0	0	0	0	13
TOTAL	20	20	11	6	--

Table 24 – Pediatric HIV Diagnoses during 2011 and Pediatric Total Living HIV Cases, Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Caroline	0	0.0%	1	7.7%
Cecil	0	0.0%	2	15.4%
Dorchester	0	0.0%	4	30.8%
Kent	0	0.0%	1	7.7%
Queen Anne's	0	0.0%	0	0.0%
Somerset	0	0.0%	1	7.7%
Talbot	0	0.0%	2	15.4%
Wicomico	0	0.0%	1	7.7%
Worcester	0	0.0%	1	7.7%
REGION TOTAL	0	100.0%	13	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric HIV Diagnosis during 2011 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	0	0.0%	6	46.2%
Female	0	0.0%	7	53.8%
TOTAL	0	100.0%	13	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	1	7.7%
Non-Hispanic	0	0.0%	12	92.3%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	0	0.0%
Black, only	0	0.0%	5	38.5%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	7	53.8%
Multiracial/Other	0	0.0%	0	0.0%
TOTAL	0	100.0%	13	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.